

## ABSTRACT OF THE DISCLOSURE

Techniques for interacting with a client process on a mobile device connected to a network over a wireless link include receiving at a mobile interactions server a first message from the client process. The first message indicates a first action by a user of the mobile device. The first action is related to a first graphical element displayed on the device for requesting a service from an application. Based on the first message, it is determined whether the action is associated with an event type of a plurality of predetermined event types. If it is determined the action is not associated with the event type, then, without invoking any method of the application, first data is generated. The first data describes any change in the first graphical element. The first data is sent to the client process for changing the display of the first graphical element. In one of these techniques, if it is determined that the action is associated with the event type, then second data is generated. The second data describes a particular event of the event type. A particular event handling method of the application is invoked to provide the service. The particular event handling method is associated with the event type; and the second data is passed to the event handling method. The application is built to observe events of certain predefined event types. Other events, such as those associated with the user pressing each character key while entering data into a text field, are not registered observables for the application; and the application does not include instructions to handle events associated with those actions.